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BANGALORE UNIVERSITY
DEPARTMENT OF CIVIL ENGINEERING

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JNANA BHARATHI
BANGALORE - 560 056

BUB/CTE/2014-15 **Date: 10-01-2015**

1. TEST REPORT ON REINFORCEMENT STEEL:

Sub: Testing of Reinforcement Steel of diameter 10mm.
{Project*: Construction of Rainwater Harvesting Structure and Recharging Pits in Ward No.11 (kumvempnagara) Vidyaranyapura Sub Division}

Ref. : Letter No. Testing/BUB/2014-15, dated 08-01-2015

Sample supplied to lab by : Assistant Executive Engineer,
Vidyaranyapura Sub Division,
BBMP, Bangalore

Name of the Contractor/Agency*: Sri.Mohankumar.V, Contractor, Bangalore.

TABLE – 1

SL No	Details	For 10mm	
		Test Results	Min Req as per IS 1786-2008
01	Observed diameter of bar	**10.0mm**	10.0mm
02	Observed Wt/m Length **Kg/m**	**0.620**	0.567
03	Proof stress/Yield stress, fy , **N/mm^2**	**554.0**	500.0
04	Bend/ Re bend Test	**Ok**	---
05	Percentage of Elongation, %	**21.60**	12.00
06	Ultimate Tensile Strength **N/mm^2**	**622.0**	545.0

*As furnished by Client.
The Results relate only to the items tested.

JE-4

Assistant Executive Engineer
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BBMP, Bangalore - 97

10/01/2015

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BUB/CTE/2014-15

DATE: 14-02-2015

1. TEST REPORT ON CEMENT CONCRETE CUBES:

Sub: Testing of Concrete Cubes (28 days Compressive Strength)
{Project*: Construction of Rainwater Harvesting Structure and Recharging Pits in Ward No.11 (kumvempnagara) Vidyaranyapura Sub Division}

Ref. : Letter No. Testing/BUB/2014-15, dated 13-02-2015

Sample supplied to lab by : Assistant Executive Engineer,
Vidyaranyapura Sub Division,
BBMP, Bangalore

Name of the Contractor/Agency*: Sri.Mohankumar.V, Contractor, Bangalore.

RESULTS OF COMPRESSIVE STRENGTH ON CEMENT CONCRETE

CUBE SPECIMENS

Dimensions of Specimen : 150 X 150 X 150mm

Grade of Concrete* : M_{20}

TABLE 1.1 :

Sl No	Location/ Identification *	Date of Casting*	Date of Testing	Age in Days	C/S Area in Mm^2	Maximum Load in K.N	Compressive Strength (N/mm^2)	Avg. Value
1	001	16-01-15	13-02-15	28	22500	530	23.55	**23.62**
	002	"	"	"	"	525	23.33	
	003	"	"	"	"	540	24.00	

*As Furnished by Client.
The Results relate only to the items tested.

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